

Data File : BF119277.D
Acq On : 7 Mar 2020 5:27
Operator : CG/JU
Sample : PB127331BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127331BL

Quant Time: Mar 09 04:08:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	98137	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	356074	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	179817	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	294529	20.00	ng	0.00
76) Chrysene-d12	13.88	240	267068	20.00	ng	0.00
87) Perylene-d12	15.31	264	249881	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	340804	58.04	ng	0.00
7) Phenol-d6	6.38	99	251380	35.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	613583	90.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	269854	114.72	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1199789	98.29	ng	0.00
79) Terphenyl-d14	12.82	244	1310736	84.50	ng	0.00

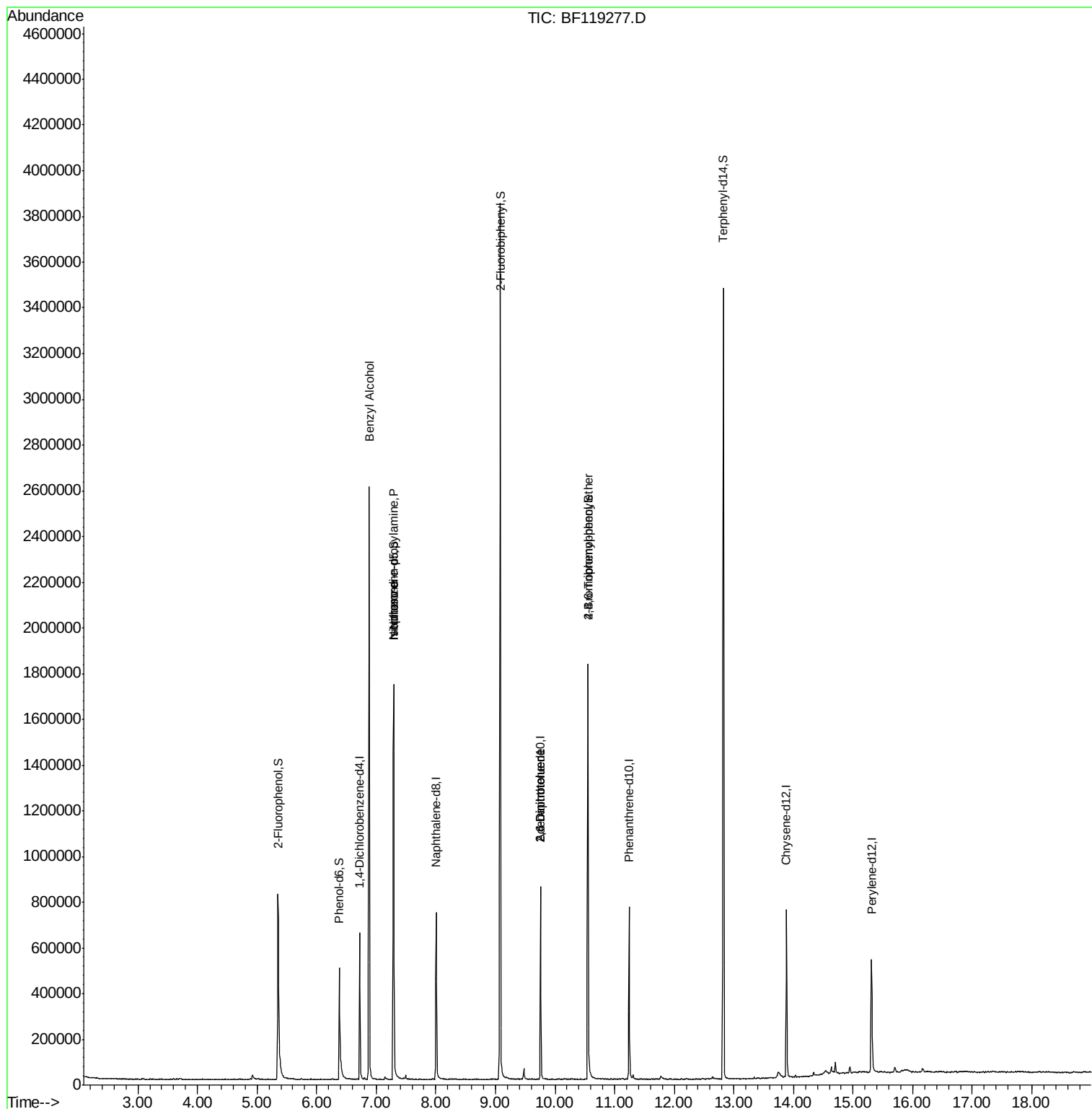
Target Compounds				Qvalue		
15) Benzyl Alcohol	6.88	79	10991	2.129	ng	# 47
19) n-Nitroso-di-n-propylamine	7.29	70	86430	20.769	ng	# 73
25) Isophorone	7.29	82	613578	52.389	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	22961	7.516	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	22961	5.799	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	17240	4.478	ng	# 1

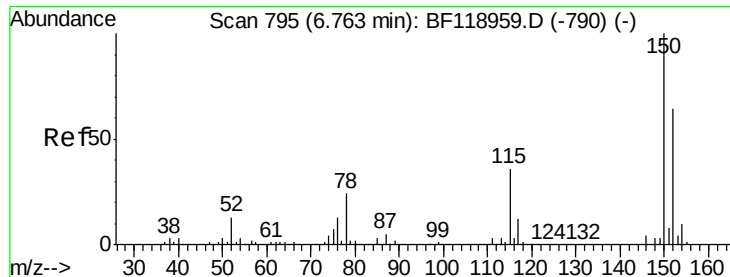
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF119277.D
Acq On : 7 Mar 2020 5:27
Operator : CG/JU
Sample : PB127331BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127331BL

Quant Time: Mar 09 04:08:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



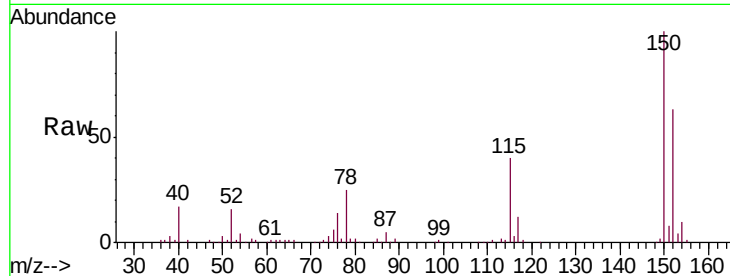


#1

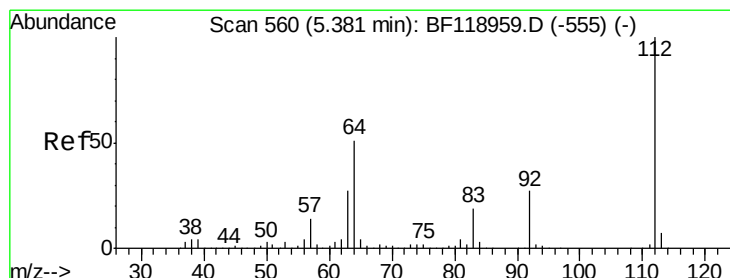
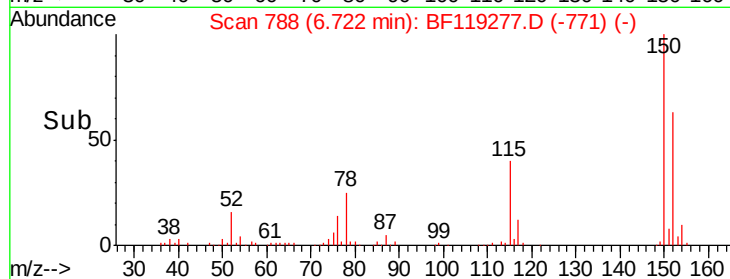
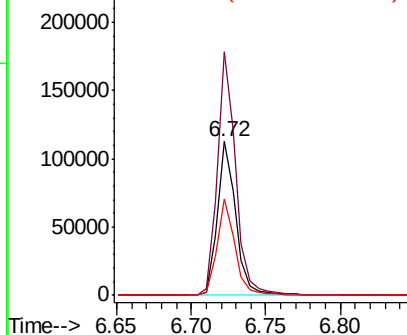
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Instrument :
BNA_F
ClientSampleId :
PB127331BL

Tgt Ion:152 Resp: 98137
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 62.6 49.5 74.3



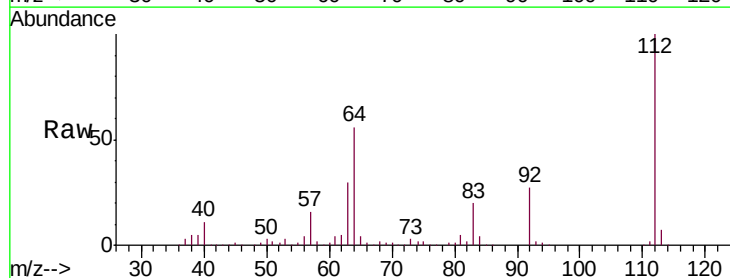
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



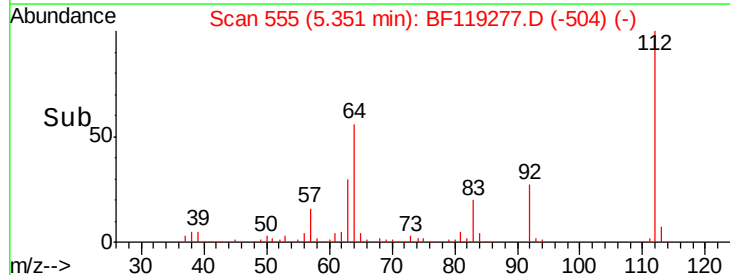
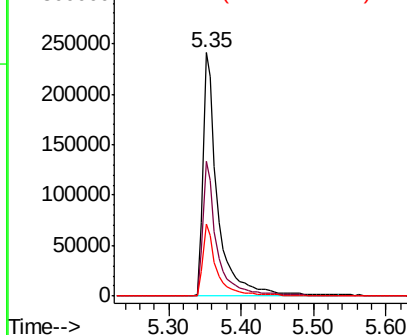
#5

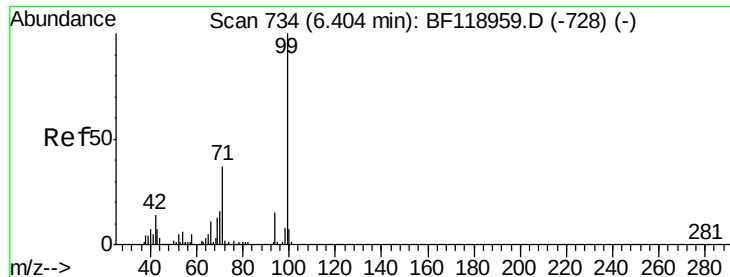
2-Fluorophenol
Concen: 58.036 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Tgt Ion:112 Resp: 340804
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 29.8 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 35.198 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Instrument :

BNA_F

ClientSampleId :

PB127331BL

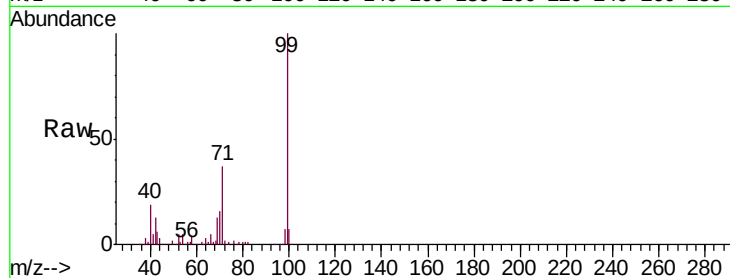
Tgt Ion: 99 Resp: 251380

Ion Ratio Lower Upper

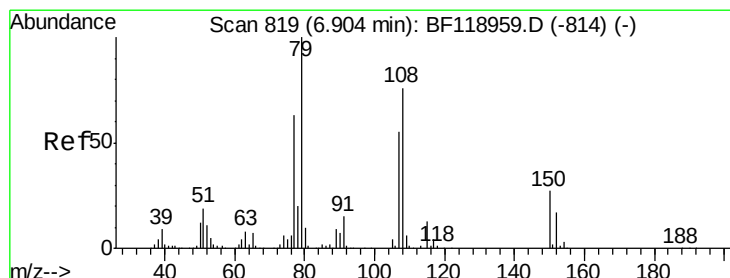
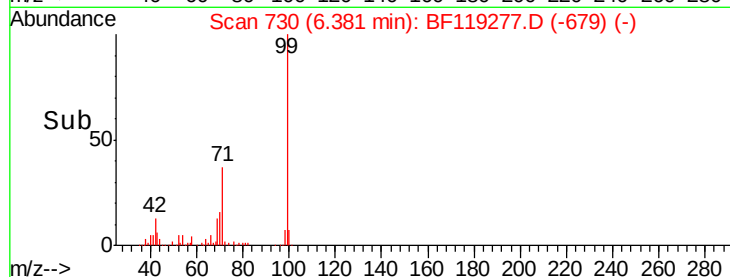
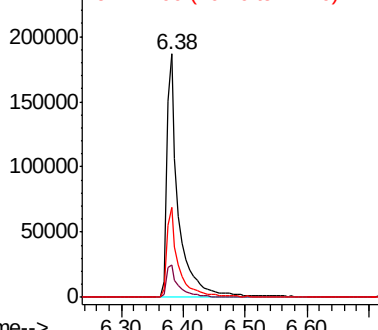
99 100

42 13.3 12.6 18.8

71 36.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
250000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.129 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

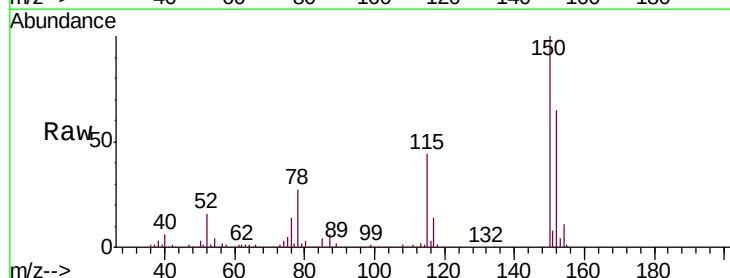
Tgt Ion: 79 Resp: 10991

Ion Ratio Lower Upper

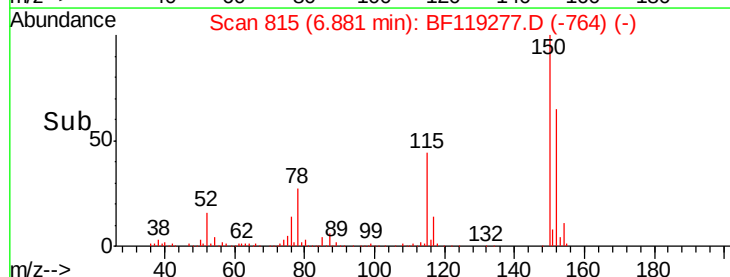
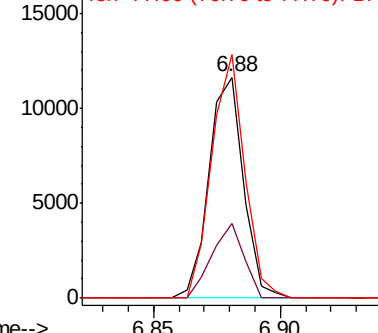
79 100

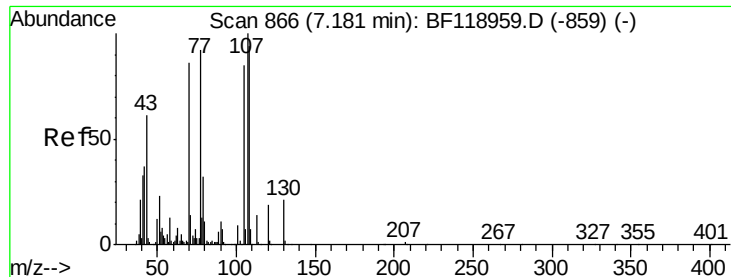
108 33.6 58.2 87.2#

77 110.3 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
15000
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

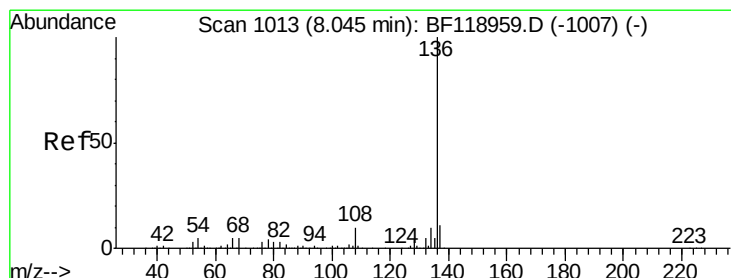
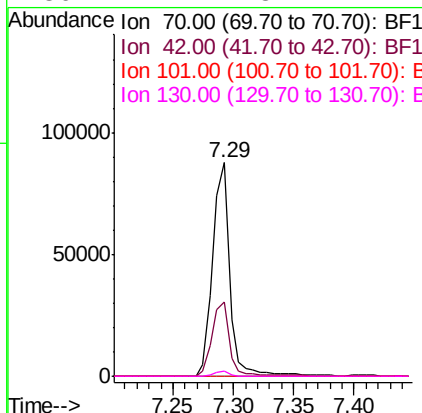
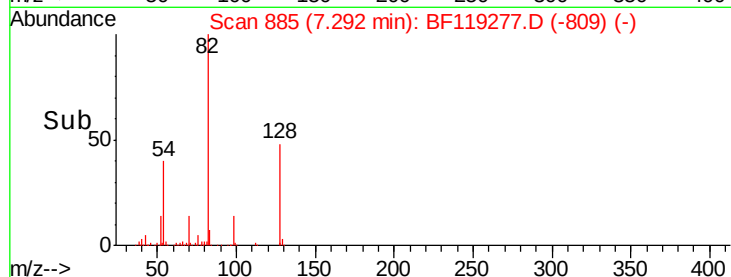
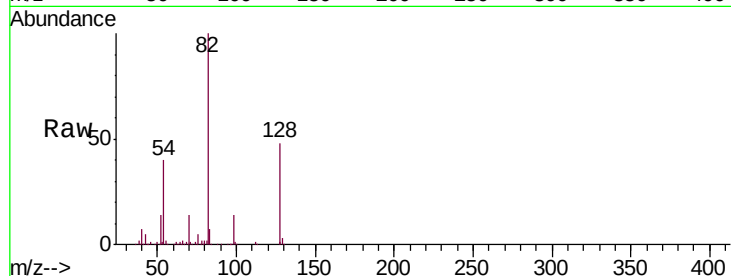




#19
n-Nitroso-di-n-propylamine
Concen: 20.769 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

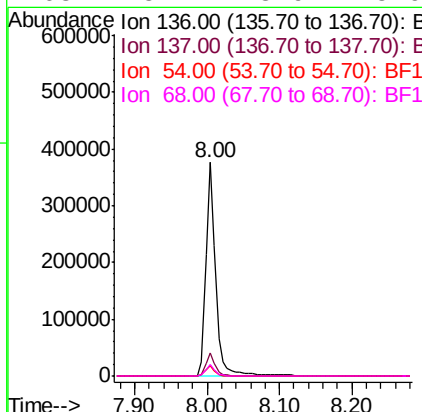
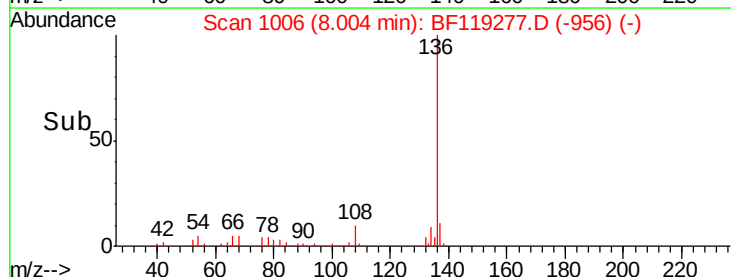
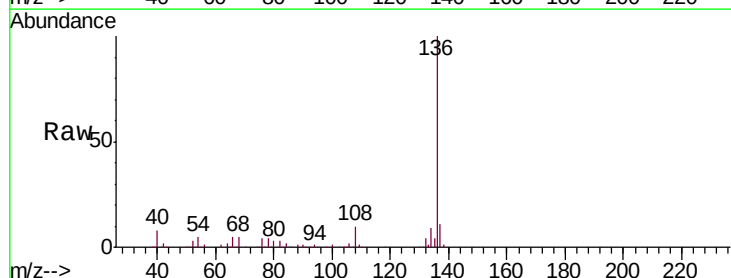
Instrument :
BNA_F
ClientSampleId :
PB127331BL

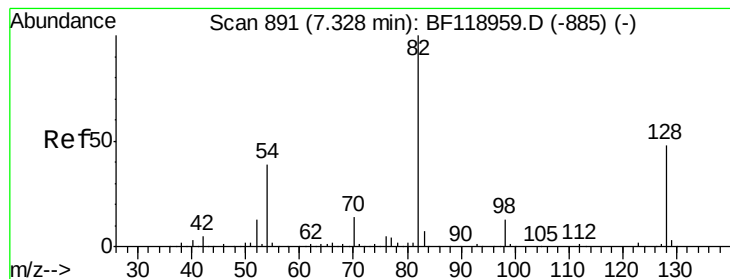
Tgt Ion: 70 Resp: 86430
Ion Ratio Lower Upper
70 100
42 35.0 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Tgt Ion: 136 Resp: 356074
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.0 3.8 5.6
68 5.2 3.9 5.9





#23

Nitrobenzene-d5

Concen: 90.984 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Instrument :

BNA_F

ClientSampleId :

PB127331BL

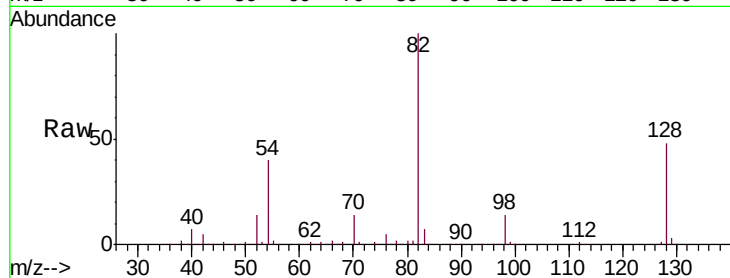
Tgt Ion: 82 Resp: 613583

Ion Ratio Lower Upper

82 100

128 47.6 37.9 56.9

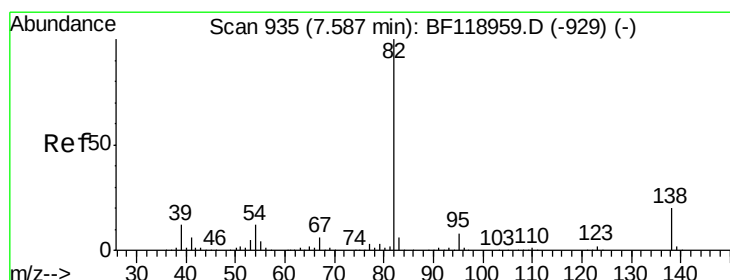
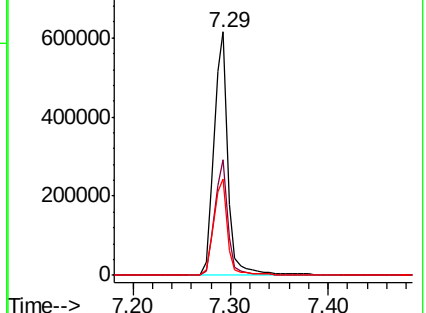
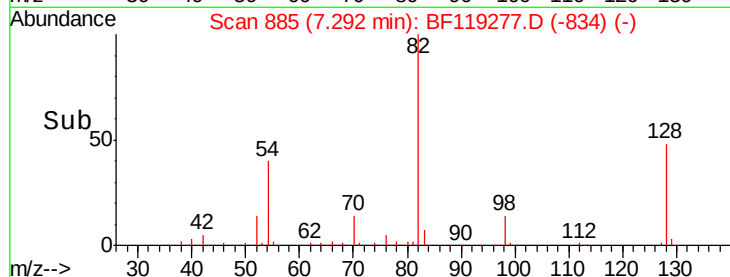
54 39.8 33.4 50.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 52.389 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

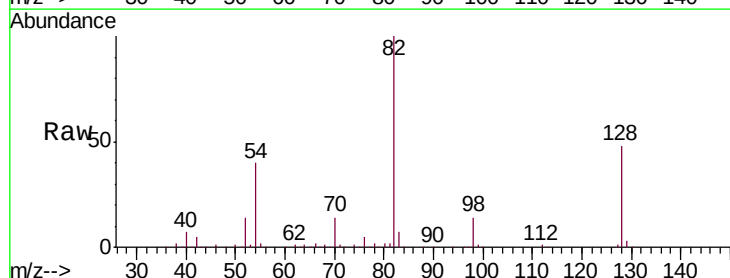
Tgt Ion: 82 Resp: 613578

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

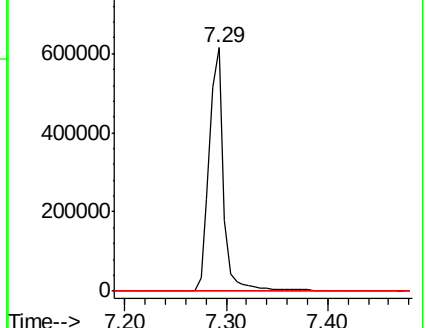
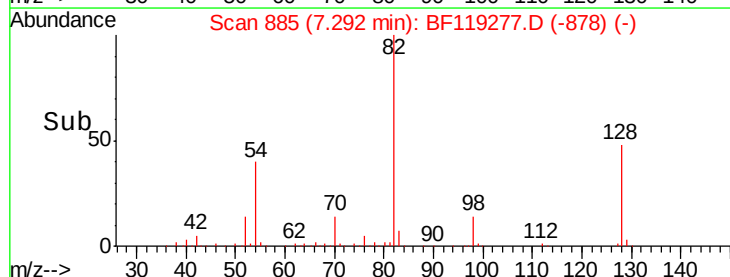
138 0.0 15.7 23.5#

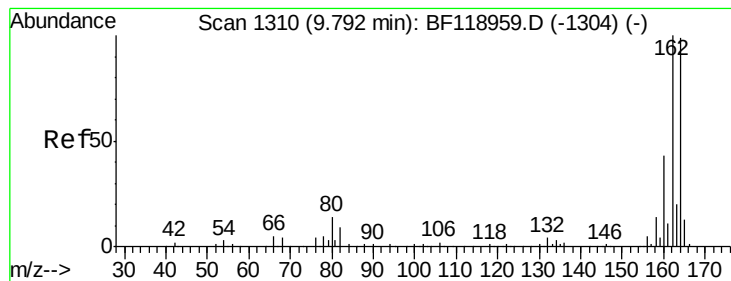


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Instrument :

BNA_F

ClientSampleId :

PB127331BL

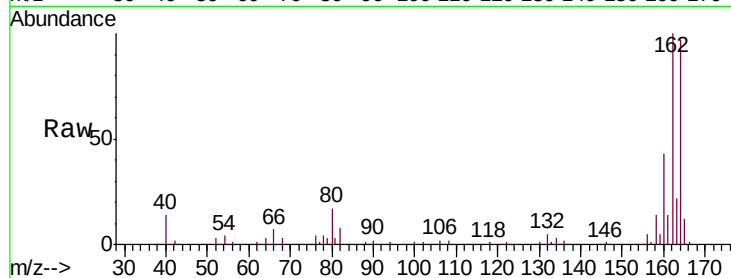
Tgt Ion:164 Resp: 179817

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.8

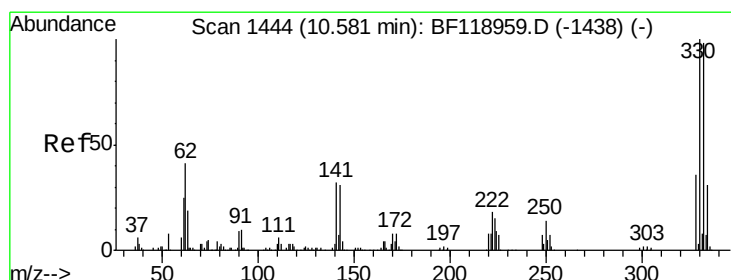
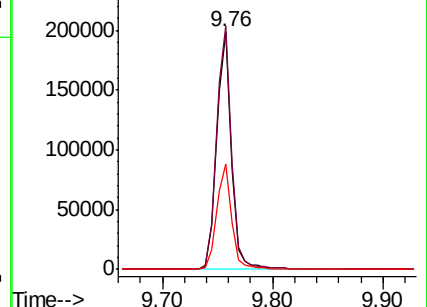
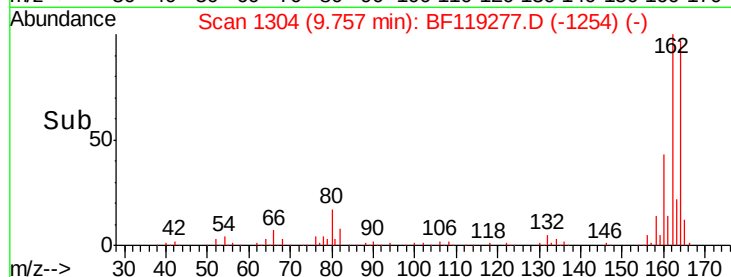
160 44.4 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 114.719 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

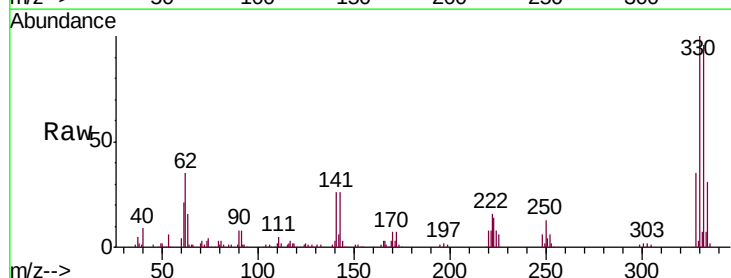
Tgt Ion:330 Resp: 269854

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

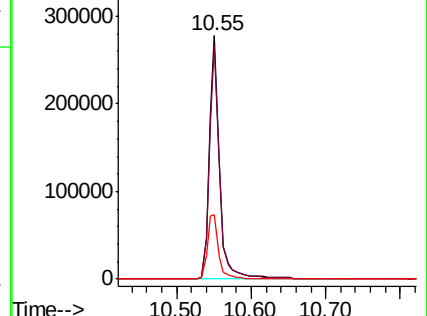
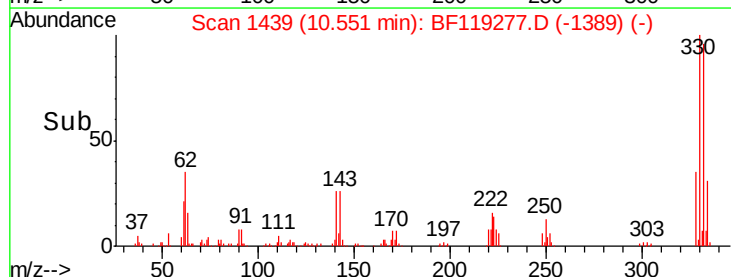
141 29.7 22.9 34.3

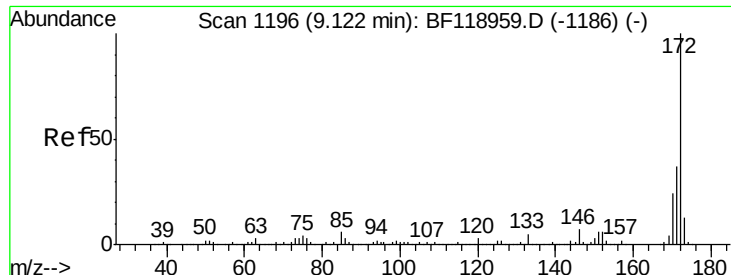


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

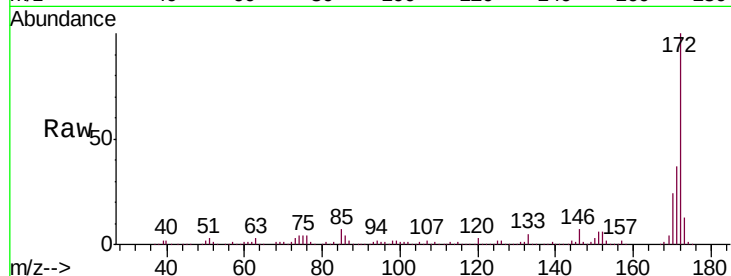




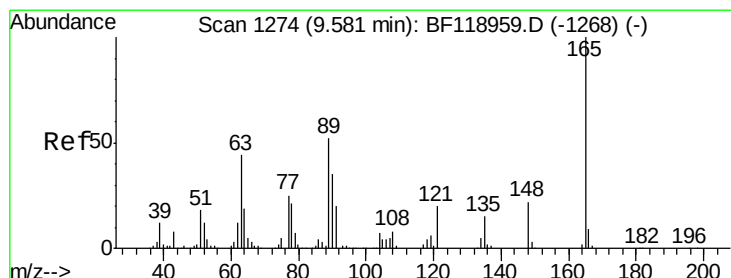
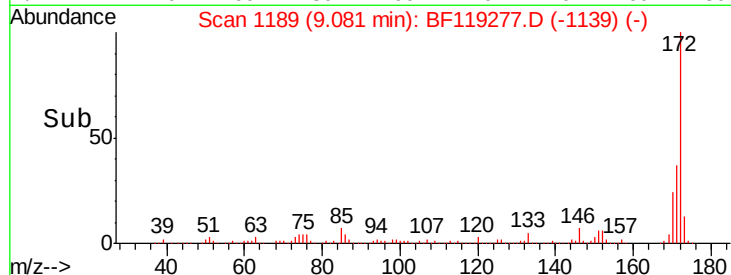
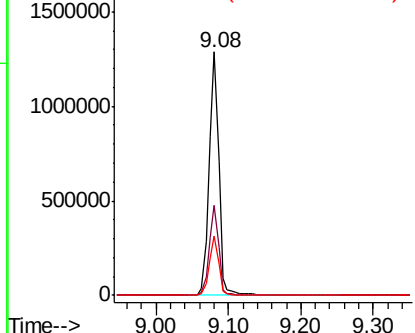
#45
2-Fluorobiphenyl
Concen: 98.294 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Instrument :
BNA_F
ClientSampleId :
PB127331BL

Tgt Ion:172 Resp: 1199789
Ion Ratio Lower Upper
172 100
171 36.7 30.6 45.8
170 24.3 20.2 30.2

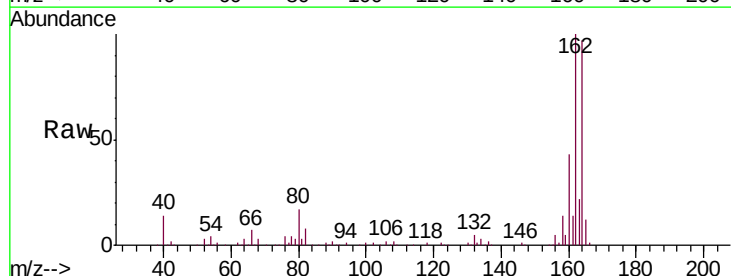


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

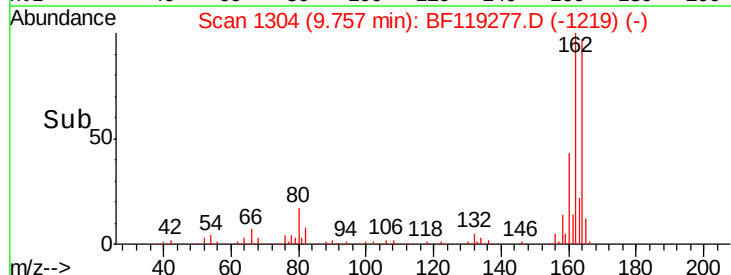
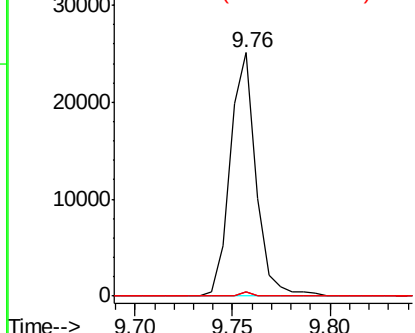


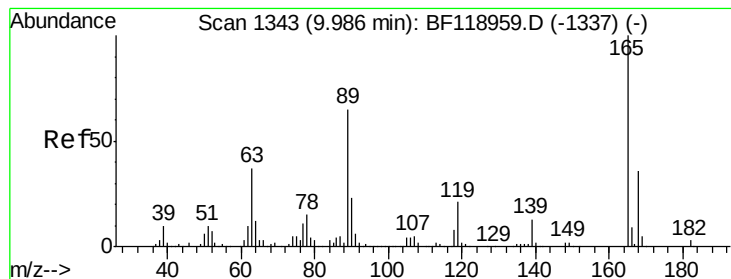
#51
2,6-Dinitrotoluene
Concen: 7.516 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Tgt Ion:165 Resp: 22961
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.7 38.3 57.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.799 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Instrument :

BNA_F

ClientSampleId :

PB127331BL

Tgt Ion:165 Resp: 22961

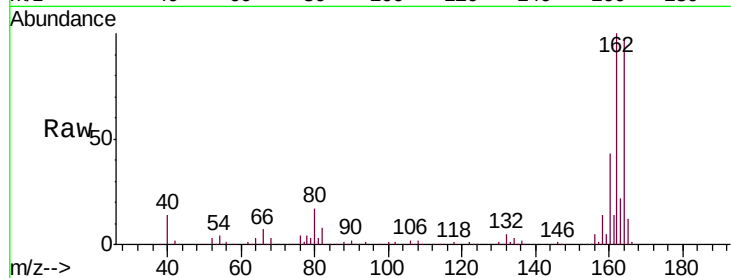
Ion Ratio Lower Upper

165 100

63 1.7 42.3 63.5#

89 1.7 60.2 90.4#

182 0.0 2.3 3.5#

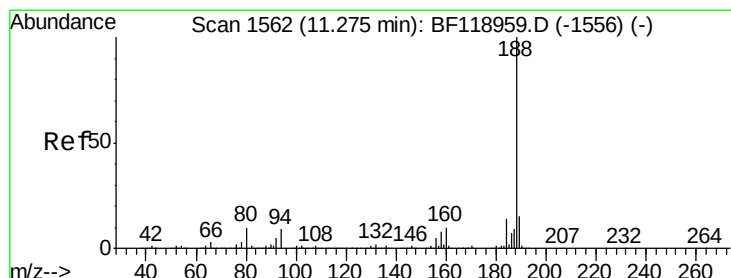
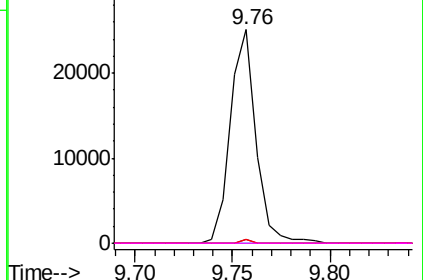
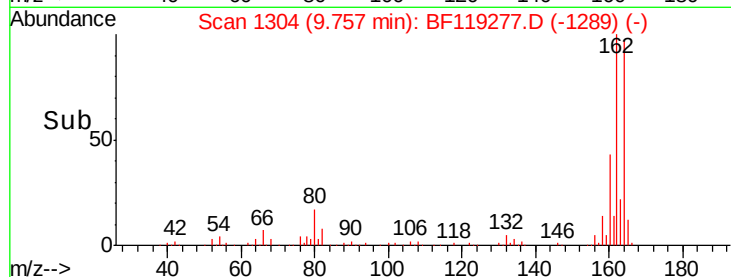


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

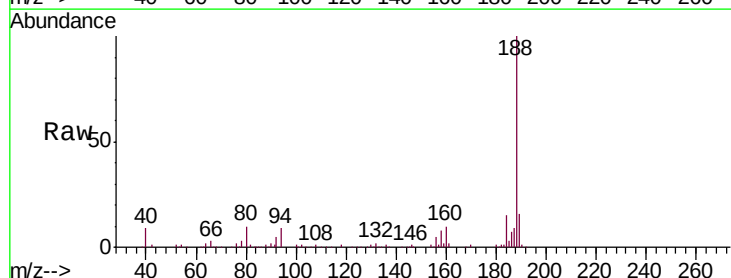
Tgt Ion:188 Resp: 294529

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

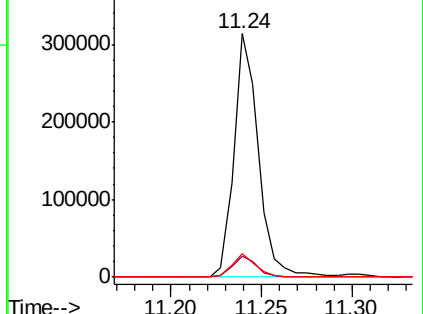
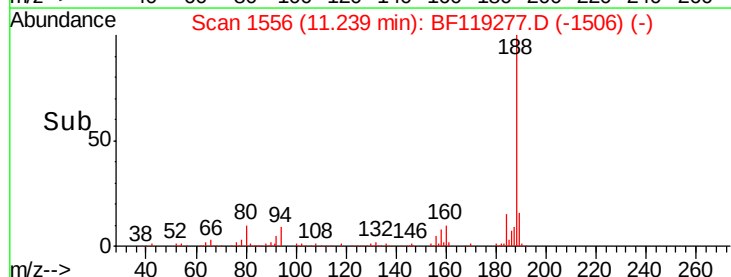
80 9.9 7.8 11.8

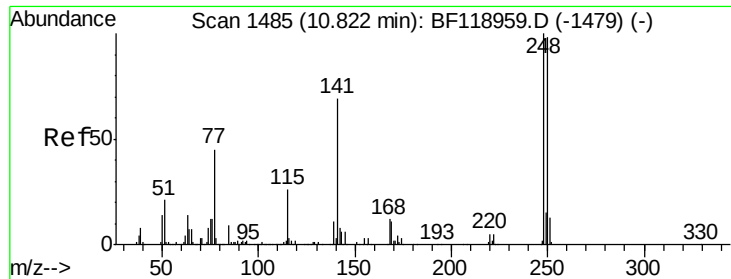


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

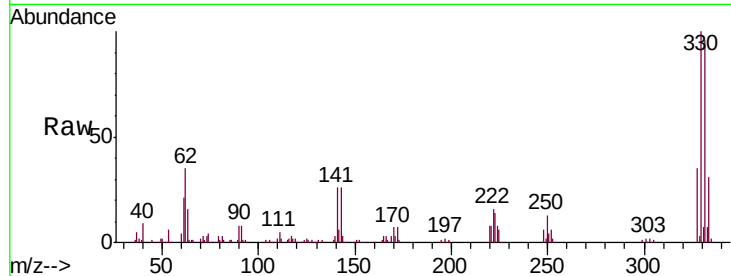




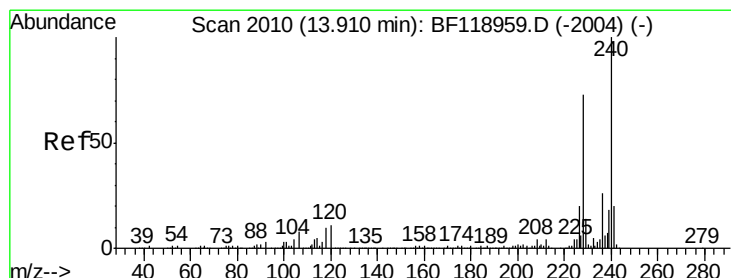
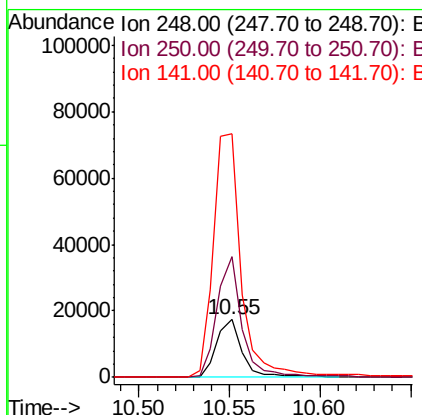
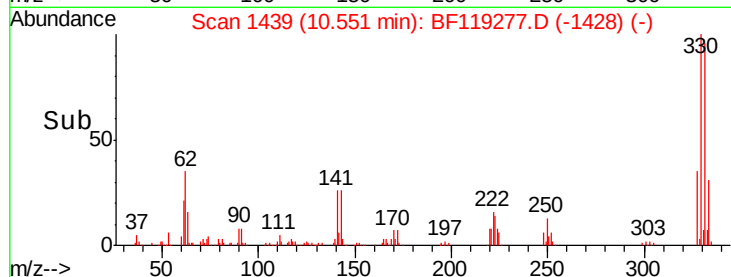
#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Instrument :
BNA_F
ClientSampleId :
PB127331BL

Tgt Ion: 248 Resp: 17240
Ion Ratio Lower Upper
248 100
250 209.2 76.7 115.1#
141 420.0 60.7 91.1#

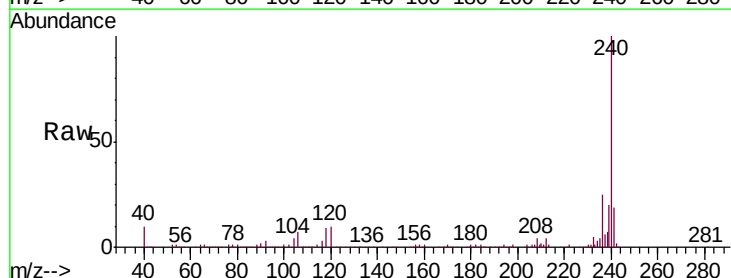


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

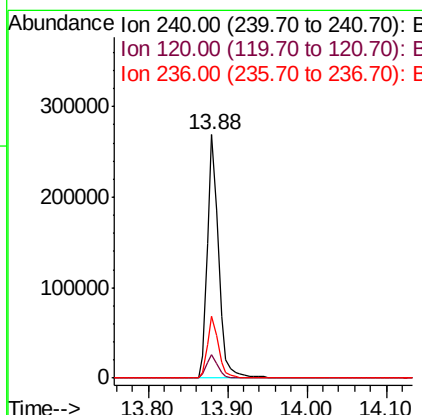
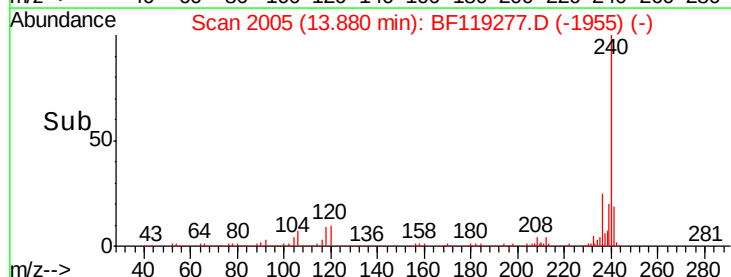


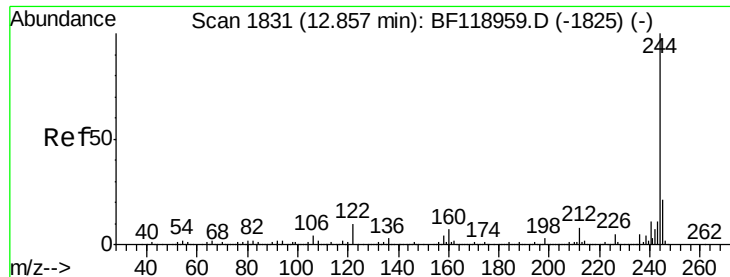
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Tgt Ion: 240 Resp: 267068
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.498 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Instrument :

BNA_F

ClientSampleId :

PB127331BL

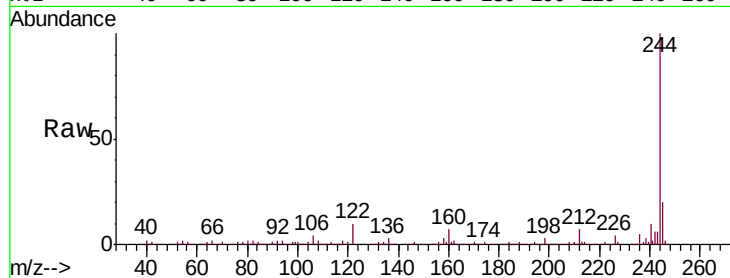
Tgt Ion:244 Resp: 1310736

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

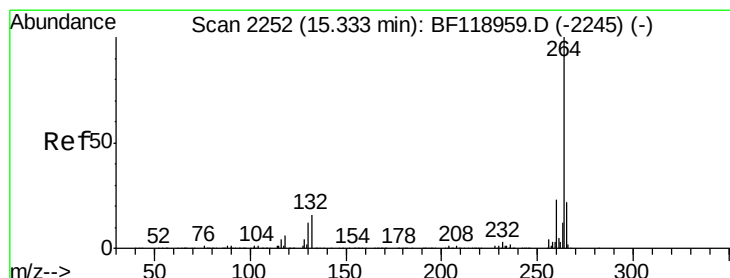
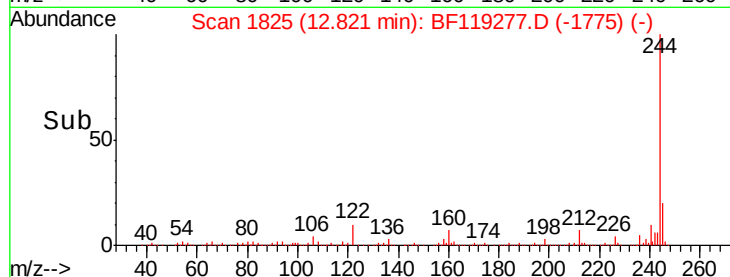
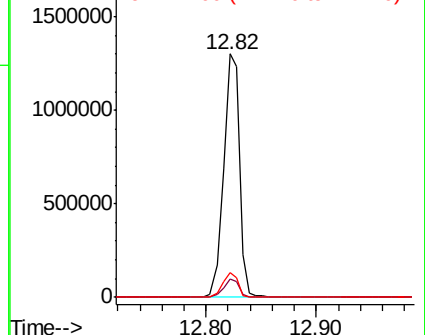
122 10.3 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

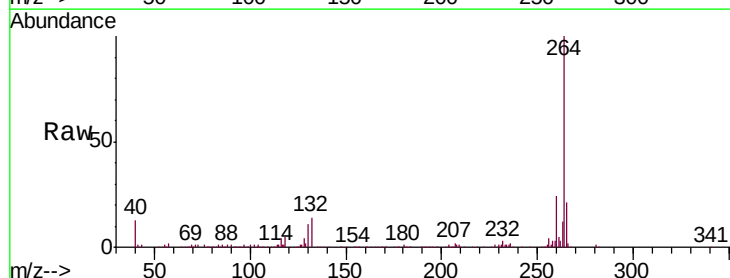
Tgt Ion:264 Resp: 249881

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 20.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

